

AMENDMENT

E 1

1. (Tetrarily Amended) A substantially dustless animal feed premix composition in solid noncompacted granular form and having a resistance to powdering, said composition comprising a physical admixture of granular fermentation solids comprising an antibiotic, said fermentation solids resulting from reduction of a fermentation broth including a fermentation medium in which an organism was cultured for producing the antibiotic, said fermentation solids having an antibiotic activity sufficient to ameliorate an antibacterial infection to treat an animal wherein the antibiotic activity is at least about 10g/lb to about 300 g/lb, and further comprising at least one potency standardizer selected from the group consisting of an edible feed material and a mineral product.

E 2

57. (Thrice Amended) A particulate, substantially dustless noncompacted animal feed supplement comprising fermentation solids comprising an antibiotic product of a fermentation process, said fermentation solids resulting from reduction of a fermentation broth including a fermentation medium in which an organism was cultured for producing the antibiotic, said fermentation solids having an antibiotic activity sufficient to ameliorate an antibacterial infection to treat an animal wherein the antibiotic activity is at least about 10g/lb to about 300 g/lb, said animal feed supplement prepared by blending fermentation solids with an edible feed material and a mineral product to produce a mixture thereof.

E 3

66. (Amended) A particulate, substantially dustless animal feed supplement comprising fermentation solids comprising an antibiotic product of a fermentation process, said animal feed supplement prepared by:

culturing an organism producing an antibiotic in a fermentation medium to produce a fermentation broth;

reducing said fermentation broth to obtain fermentation solids comprising said antibiotic;

drying said filtration solids to produce a dry solid;

granulating said dry solid to produce granulated fermentation solids comprising granules

having a substantially uniform particle size, said granulated fermentation solids

having an antibiotic activity sufficient to ameliorate an antibacterial infection to

Cont
E 3

treat an animal wherein the antibiotic activity is at least about 10g/lb to about 300 g/lb; and

blending said granulated fermentation solids with an edible feed material and a mineral product.

E 4
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71
77. (Amended) A particulate, substantially dustless animal feed supplement comprising fermentation solids comprising an antibiotic product of a fermentation process, said animal feed supplement prepared by:

culturing an organism producing an antibiotic in a fermentation medium to produce a fermentation broth comprising said antibiotic;

adding an additional quantity of said antibiotic to the fermentation broth to increase the antibiotic activity of said fermentation broth;

reducing said fermentation broth to obtain fermentation solids comprising said antibiotic;

drying said fermentation solids to produce a solid having a low moisture content; and

granulating said dried solid to produce granules having a substantially uniform particle size, said granulated fermentation solids having an antibiotic activity sufficient to ameliorate an antibacterial infection to treat an animal wherein the antibiotic activity is at least about 10g/lb to about 300 g/lb.

E 5

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72
87. (Thrice Amended) A particulate, substantially dustless animal feed supplement comprising fermentation solids comprising an antibiotic product of a fermentation process, said animal feed supplement prepared by:

providing fermentation solids, said fermentation solids having antibiotic activity;

adding an antibiotic to said fermentation solids;

drying said fermentation solids to produce a solid having a low moisture content; and

granulating said dry solid to produce granulated fermentation solids comprising granules having a substantially uniform particle size, said granulated fermentation solids having an antibiotic activity sufficient to ameliorate an antibacterial infection to treat an animal wherein the antibiotic activity is at least about 10g/lb to about 300 g/lb.

LE 6

101. (Amended) A medicated animal supplement for the treatment of animals, said supplement comprising granular fermentation solids including an antibiotic, said fermentation solids resulting from reduction of a fermentation broth including a fermentation medium in which an organism was cultured for producing the antibiotic, said fermentation solids having an antibiotic activity sufficient to ameliorate an antibacterial infection to treat an animal wherein the antibiotic activity is at least about 10g/lb to about 300 g/lb.